

JOURNAL ARTICLES AUTHORED BY APPLIED METEOROLOGY UNIT TEAM MEMBERS AS OF FEBRUARY 2006
(AMU AUTHORS IN BOLD FONT)

<i>Author(s)</i>	<i>Title of Article</i>	<i>Publication Information</i>	<i>Date</i>
Merceret, Francis	Rapid Temporal Changes of Boundary Layer Winds	<i>J. Appl. Meteor</i> (Accepted for publication)	2006
Pinter, Don., Francis Merceret , and Clay Hatley	Performance Validation of the Upgraded Eastern Range 50 MHz Profiler	<i>J. Spacecraft & Rockets</i> (Accepted for publication)	2006
Merceret, Francis, David Short , and Jennifer Ward	Radar Evaluation of Optical Cloud Constraints to Space Launch Operations	<i>J. Spacecraft & Rockets</i> , Vol. 43, No. 1, pp. 248-251	Jan 2006
Case, Jonathan, Mark Wheeler, John Manobianco , Johnny Weems, and William Roeder	A Seven-Year Climatological Study of Land Breezes over the Florida Spaceport	<i>J. Appl. Meteor.</i> Vol. 44, No. 3, pp. 340-356.	Mar 2005
Short, David , and Francis Merceret	On the Positive Bias of Peak Horizontal Velocity from an Idealized Doppler Profiler	<i>J. Atmos. Oceanic Technol.</i> Vol. 22, No. 1, pp. 98-104.	Jan 2005
Case, Jonathan, John Manobianco , John Lane, Christopher Immer, and Francis Merceret	An Objective Technique for Verifying Sea Breezes in High-Resolution Numerical Weather Prediction Models	<i>Wea. Forecasting</i> Vol. 19, No. 4, pp. 690-705	Aug 2004
Short, David , James Sardonia, Winifred Lambert , and Mark Wheeler	Nowcasting Thunderstorm Anvil Clouds over Kennedy Space Center and Cape Canaveral Air Force Station	<i>Wea. Forecasting</i> Vol. 19, No. 4, pp. 706-713	Aug 2004
Ward, Jennifer and Francis Merceret	An Automated Cloud-Edge Detection Algorithm Using Cloud Physics and Radar Data	<i>J. Atmos. Oceanic Technol.</i> Vol. 21, No. 5, pp. 762-765.	May 2004
Lambert, Winifred, Francis Merceret , Gregory Taylor, and Jennifer Ward	Performance of Five 915 MHz Wind Profilers and an Associated Automated Quality Control Algorithm in an Operational Environment	<i>J. Atmos. Oceanic Technol.</i> Vol. 20, No. 11, pp. 1488-1495	Nov 2003
Short, David	Atlantic Equatorial Rain Frequency: An Inter-centennial Comparison	<i>J. Climate</i> Vol. 17, No. 13, pp. 2296-2301	Jul 2003
Case, Jonathan, John Manobianco , Allan Dianic, Mark Wheeler , Dewey Harms, and Carlton Parks	Verification of High-Resolution RAMS Forecasts over East-Central Florida during the 1999 and 2000 Summer Months	<i>Wea. Forecasting</i> Vol. 17, No. 6, pp. 1133-1151	Dec 2002
Case, Jonathan, John Manobianco , Timothy Oram, Tim Garner, Peter Blottman, and Scott Spratt	Local Data Integration over East-Central Florida using the ARPS Data Analysis System	<i>Wea. Forecasting</i> Vol. 17, No. 1, pp. 3-26	Feb 2002
Merceret, Francis	The Coherence Time of Midtropospheric Wind Features as a Function of Vertical Scale from 300 m to 2 km	<i>J. Appl. Meteor.</i> Vol. 39, No. 12, pp. 2409-2420	Dec 2000

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Short, David , and Kenji Nakamura	TRMM Radar Observations of Shallow Precipitation over the Tropical Oceans	<i>J. Climate</i> Vol. 13, No. 23, pp 4107-4124	Dec 2000
Smith, Brian, and Francis Merceret	The Lognormal Distribution	<i>College Mathematics Journal</i> Vol. 31, No. 4, pp. 259-261	Sep 2000
Rogers, Robert, J. Michael Fritsch, and Winifred Lambert	A Simple Technique for Using Radar Data in the Dynamic Initialization of a Mesoscale Model	<i>Mon. Wea. Rev.</i> Vol. 128, No. 7, pp. 2560-2574	Jul 2000
Merceret, Francis	The Vertical Resolution of the Kennedy Space Center 50 MHz Wind Profiler	<i>J. Atmos. Oceanic Technol.</i> Vol. 16, No. 9, pp. 1273-1278	Sep 1999
Schumann, Robin, Greg Taylor, Francis Merceret , and Timothy Wilfong	Performance Characteristics of the Kennedy Space Center 50 MHz Doppler Radar Wind Profiler Using the Median Filter/First Guess Data Reduction Algorithm	<i>J. Atmos. Oceanic Technol.</i> Vol. 16, No. 5, pp. 532-549	May 1999
Nutter, Paul , and John Manobianco	Evaluation of the 29-km Eta Model. Part I: Objective Verification at Three Selected Stations	<i>Wea. Forecasting</i> Vol. 14, No. 1, pp. 5-17	Feb 1999
Manobianco, John , and Paul Nutter	Evaluation of the 29-km Eta Model. Part II: Subjective Verification over Florida	<i>Wea. Forecasting</i> Vol. 14, No. 1, pp. 18-37	Feb 1999
Merceret, Francis	Risk Assessment Consequences of the Lognormal Distribution of Mid-Tropospheric Winds	<i>J. Spacecraft & Rockets</i> , Vol. 35, No. 1, pp. 111-112	Jan 1998
Merceret, Francis	Rapid Temporal Changes of Midtropospheric Winds	<i>J. Appl. Meteor.</i> Vol. 36, No. 11, pp. 1567-1575	Nov 1997
Manobianco, John , John Zack, and Gregory Taylor	Workstation-Based Real-Time Mesoscale Modeling Designed for Weather Support to Operations at the Kennedy Space Center and Cape Canaveral Air Station	<i>Bull. Amer. Meteor. Soc.</i> Vol. 14, No. 1, pp. 5-17	Apr 1996
Merceret, Francis	The Effect of Sensor Spacing on Wind Measurements at the Shuttle Landing Facility	NASA Technical Paper 3529	Jan 1995